

Fig. 1

Goss 16 - 12 - 22 - 6 - 5 - 6 - 18 - 11 - 13

2/4

Figure 2

201 - Receive Call Set-Up Message From MS

203 Any Traffic Channel -Available for MS?

205 Establish Call as in **Prior Art**

207 Is Expected Wait Time Less Than N Seconds?

210 Queue Call And Disconnect User

211 — Does The Channel Become Available in Less Than M Seconds?

213 Set Up Call Connection Over Available Channel

215 C Return a Wait Signal to Calling MS

M

N

Goss 16 - 12 - 22 - 6 - 5 - 6 - 18 - 11 - 13

3/4

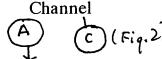
Figure 2 - Continued

B

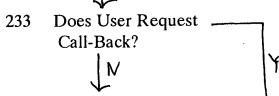
219 Does Calling MS Go On-Hook Before Channel Becomes Available?

221 \(\text{Abandon Call} \)

223 ~ Wait For Available



231 — Return No Channels
Available Indication to
Caller MS



- 235 Terminate Call Attempt
- 237 Queue Call And Disconnect User
- 238 Does User Originate

 New Call?

 (Fig. 2)

 (Fig. 2)

Goss 16 - 12 - 22 - 6 - 5 - 6 - 18 - 11 - 13

4/4

Figure 2 - Continued

9

- 239 Wait For Channel to Become Available
- 241 Channel Becomes Available

243 Is Called Party Busy?

IN

Connect The Two Parties,Send Ordinary Ring ToCalled Party, DistinctiveRing To Calling Party

Y

247 Return Busy to Caller

E

249 Remove Call-Back Request From Queue

251 Process New Call